FIG 1

```
IF FPD_flag=TRUE
THEN   IF end_of_frame(P-cell)
       THEN FPD_flag=FALSE
       discard_cell(P_cell)
ELSE   IF PPD_flag=TRUE
       THEN IF end_of_frame(P_cell)
            THEN append_cell(P_cell)
                 PPD_flag=FALSE
            ELSE discard_cell(P_cell)
       ELSE   decide_cell(P_cell)
```

FIG 2A

```
IF      (CLP=0)                                  //comment: unmarked frame
THEN    IF      (first cell of frame)            // e.g. Current_frame_length=0
        THEN IF      (Logical_queue_length>S_PPD_0-MFS)OR
                     [(Logical_queue_length>S_EPD_0)AND
                     (Buffer_check_0=TRUE)]
             THEN discard_cell(P_cell)
                  IF      end_of_frame(P_cell)=FALSE
                  THEN FPD_flag=TRUE
             ELSE append_cell(P_cell)

        IF      (subsequent cell of frame) //e.g. Current_frame_length >0
        THEN IF      end_of_frame(P_cell)
             THEN append_cell(P_cell)
             ELSE IF      (Logical_queue_length≥S_PPD_0-1)OR
                          [(Logical_queue_length>S_EPD_0)AND
                          (Buffer_check_0=TRUE)]OR
                          (Current_frame_length>MFS-1)
                  THEN discard_cell(P_cell)
                       IF      remove_last_frame
                       THEN FPD_flag=TRUE
                       ELSE  PPD_flag=TRUE
                  ELSE append_cell(P_cell)
```

FIG 2B

```
IF      (CLP=1)
THEN    IF      (first cell of frame)          //comment: marked frame
                                               //e.g. Current_frame_length=0
        THEN IF     (Logical_queue_length≥S_PPD_1)OR
                    [(Logical_queue_length>S_EPD_1)AND
                    (Buffer_check_1=TRUE)]
             THEN discard_cell(P_cell)
                  IF     end_of_frame(P_cell)=FALSE
                  THEN FPD_flag=TRUE
             ELSE append_cell(P_cell)

      IF     (subsequent cell of frame) //e.g. Current_frame_length>0
      THEN IF     end_of_frame(P_cell)
           THEN append_cell(P_cell)
           ELSE IF     (Logical_queue_length≥S_PPD_1-1)OR
                       [(Logical_queue_length>S_EPD_1)AND
                       (Buffer_check_1=TRUE)]OR
                       (Current_frame_length>MFS-1)
                THEN discard_cell(P_cell)
                     IF     remove_last_frame
                     THEN FPD_flag=TRUE
                     ELSE  PPD_flag=TRUE
                ELSE append_cell(P_cell)
```